## In the Claims

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1. A redundant fuel system for use in conjunction with a primary fuel system, the primary system including an air manifold coupled to engine cylinders and to a central plenum, the primary system providing separate fuel injectors for each cylinder during normal operation of the primary fuel system, the secondary system comprising:

fuel input device for delivering fuel to said plenum; and

a control for preventing flow of fuel to said supply device during normal operation of said primary fuel system.

- 2. A fuel system, as claimed in claim 1, wherein said fuel input device comprises a fuel injector.
  - 3. A fuel system, as claimed in claim 1, wherein said control comprises a solenoid.
- 4. Apparatus as claimed in claim 3 further comprising a flow rate control valve positioned between said solenoid and said supply device.
- 5. A fuel system, as claimed in claim 4, wherein said flow rate control comprises a barrel valve.
- 6. A fuel system, as claimed in claim 1, further comprising first and second separate pumps for providing pressurized fuel to said fuel input device.
- 7. Apparatus as claimed in claim 6 wherein said first and second pumps are seriesconnected.
- 8. A redundant fuel system for use in conjunction with a primary fuel system, the primary system including an air manifold coupled to engine cylinders and to a central plenum,

the primary system providing separate fuel injectors for each cylinder during normal operation of the primary fuel system, the secondary system comprising:

fuel input means for delivering fuel to said plenum; and
a control means for preventing flow of fuel to said supply device during normal
operation of said primary fuel system.

9. A method for redundant fuel supply for an internal combustion engine, comprising:

providing a primary fuel system, the primary system including an air manifold coupled to engine cylinders and to a central plenum, the primary system providing separate fuel injectors for each cylinder during normal operation of the primary fuel system,

providing a fuel input device for delivering fuel to said plenum;

providing a control for preventing flow of fuel to said supply device during normal operation of said primary fuel system;

automatically configuring said control to an open position, to provide fuel to said fuel input device, following failure of said primary fuel system.

- 10. An internal combustion fuel system comprising:
- a fuel bus for providing pressurized fuel to a plurality of fuel injections;
- a header tank for obtaining fuel for providing to said fuel bus;
- at least a first fuel tank coupled to said header tank for providing fuel to said header tank; and
  - a return line for returning fuel from said fuel bus to said header tank.
- 11. An internal combustion fuel system, as claimed in claim 8, wherein at least a second fuel tank is coupled to said header tank for providing fuel to said header tank.
- 12. An internal combustion fuel system, as claimed in claim 8, wherein at least a first pump provides flow from at least said first fuel tank to said header tank.

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- 13. An internal combustion fuel system, as claimed in claim 10, further comprising at least a first flow meter for measuring rate of flow of fuel into said header tank from said pump.
- 14. A redundant internal combustion fuel system and apparatus substantially as described and depicted herein.